Exhibit 20-1 (AY-1)

ANDREW H. YOUNG

PO Box 899
White Salmon, WA 98672

EDUCATION

1997 — **Contractor's State Licence Schools, Riverside, California**
- State of California Contractor's State Licence #738309

1986-1992 — **University of Waterloo, Ontario, Canada**
- Honours Bachelor of Applied Science Degree in Mechanical Engineering

April to December 1991 — **University of Braunschweig, Germany**
- participated in a university sponsored student exchange program
- completed courses in Energy Conversion, Environmental Pollution Control, Wind Turbine Aerodynamics and Design, and Turbo-machines

WORK EXPERIENCE

March 2001 to Present — **Project Development Director** (Wind Power Projects)
Zilkha Renewable Energy, Portland, Oregon
- managing the development of 500 MW of new wind power projects including land acquisition, permitting and power purchase agreement negotiations
- prepared the business and marketing plan for wind projects in the Northwest US
- prospecting for new wind power project sites in the Northwest
- prepared and submitted multiple bid proposals to various utilities including BPA, Puget Sound Energy, Eugene Water and Electric Board and others
- prepared and submitted multiple applications for transmission system interconnection and wheeling and led technical review of power flow studies
- analysis and evaluation of wind energy production estimates and forecasts
- design of wind power project layouts and plant configurations

February 1998 to March 2001 — **Project Manager** (Wind Power Project Development and Construction)
enXco, inc., Palm Springs, California
- managed the development of 170 MW of new wind power projects
- managed the full turnkey engineering, procurement and construction (EPC) of a 42 MW wind power plant in Iowa including all prime and sub-contract negotiations
- developed a 2 MW wind project for a Coop Utility Group's green power program including land acquisition, permitting and power purchase agreement negotiations
- prospected for new wind power project sites around the US on the basis of wind resource, transmission availability and land suitability
- prepared bid packages for wind power projects throughout the USA

June 1995 to February 1998 — **Project Engineer** (Wind Power Projects)
Vestas-American Wind Technology, Inc., Palm Springs, California
- managed the turnkey installation of a 1.5 MW wind project in Canada
- prepared successful bid proposals for wind power projects in the USA, Canada and Mexico including: cost estimating, technical design (civil & electrical) and wind data analysis (energy production estimates)
- supported smaller developers with PPA review and wind resource assessment
- led technical seminars on project design, power quality and wind data analysis

- prepared marketing plans and sales forecasts for Canada and the United States

January to March 1995 — **Technical Consulting Engineer** (Diesel Electric Generators)
ICEMASTER GmbH, Paderborn, Germany: Panda Generators
- analysed the design of a synchronous generator to optimise magnetic flux paths and improve performance
- translated technical manuals and marketing literature for generator power systems
- provided technical sales support to customers at trade shows in Germany

February 1993 to August 1994 — **Manufacturing Process Engineer** (Automotive Electric Motors)
SIEMENS Electric Ltd., London, Ontario, Canada
- analysed a resistance welding process theoretically and experimentally for the development of a new closed loop control system
- performed economic analyses to justify new manufacturing tooling and techniques
- designed and tested new armature core configurations to enhance motor manufacturability, quality and performance
- prepared an armature manufacturing system strategy based on technologies and operations visited at Siemens facilities in both North America and Germany

May to September 1992 — **Project and Design Engineer** (Transformer Manufacturing Systems)
ASEA Brown Boveri (ABB) Ltd., Guelph, Ontario, Canada
- designed and implemented manufacturing tooling for improved transformer coil quality, worker ergonomics, and reduced manufacturing time
- prepared business plans to prove pay back and profitability of new tooling investments
- led manufacturing method studies to determine optimal material flow and handling procedures

September to December 1991 — **Aerodynamics and Design Project Engineer**
DEWI (Deutsches Windenergie-Institut), Wilhelmshaven, Germany
- designed field computer data acquisition systems for the measurement of rotor blade fatigue loads
- coded rotor blade aerodynamic performance calculations using FORTRAN
- led presentations in German on potential flow calculation techniques
- translated and prepared technical reports for international wind energy conferences

May to August 1990 and January to April 1991 — **Junior Stress Engineer**
Dowty Aerospace Toronto, Ajax, Ontario, Canada
- performed detailed stress analyses manually and with Finite Element Modelling for the Canadair CL-601 RJR (Regional Jet) main landing gear
- interacted with the Test Engineering Department to ensure safe final design conforming to FAR and JAR air worthiness standards

January to August 1989 — **Mechanical Design Engineer**
IBM Deutschland GmbH, Böblingen, Germany
- led detailed studies and design projects on printers and other devices intrinsic to banking machines (CRS 5 DOF arm robot)
- produced design drawings using IBM CADAM
- researched and tested design prototypes for machine applications

May to — **Junior Automation and Robotics Engineer**

August 1988 **IBM Canada Limited, Toronto, Ontario, Canada**
- automated a manufacturing process using a gantry head fluid dispensing robot
- researched and tested the capabilities of the robot in different manufacturing environments

September to December 1987 **Computer Support Specialist**
IBM Canada Limited, Toronto, Ontario, Canada
- coded and implemented various programs in REXX for use on IBM's mainframe operating system
- consulted employees on technical problems in using various PC hardware and software

January to May 1987 **Junior Contract Administrator**
Ontario Hydro, Darlington Nuclear Generating Station, Canada
- analysed and monitored the progression of various piping construction contracts using LOTUS 123 software
- inspected installation and construction completion of conventional pipelines, valves, hangers and pumps

SPECIFIC SKILLS
- fluent German (written and spoken), elementary French
- WINDOWS, UNIX, DOS, VM/VMS, LOTUS-123, EXCEL, WORD, WP, REXX, FORTRAN, Machine Assembler, CADAM, WAsP, WA System, Decibell, Park

AWARDS
- Sanford-Fleming Award for outstanding achievement in technical oral presentations
- awards for outstanding Engineering work term reports
- London Conference Track & Field Champion in Javelin. 1986